Phase II Acid Rain Permit

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT Office of Air Quality

Source Name: Montpelier Electric Generating Station Source Location: 8265 South 450 West, Poneto, Indiana

County: Wells

Operated by: DPL Energy, Inc.

ORIS Code: 55229

This permit is issued to the above mentioned operator under the provisions of 326 Indiana Administrative Code (IAC) 21 and 40 Code of Federal Regulations (CFR) 72, 40 CFR 75 through 40 CFR 78 and 58 Federal Register (FR) 3590, with the conditions listed on the attached pages.

Operation Permit No.: AR 179-11651-00026	
Issued by:	Issuance Date:
Janet G. McCabe, Assistant Commissioner Office of Air Quality	Expiration Date:

Indiana Department of Environmental Management Office of Air Quality

Addendum to the Statements of Basis for Issuance of Title IV Operating Permit

Source Name: Montpelier Electric Generating Station Source Location: 8265 South 450 West, Poneto, Indiana 46781

County: Wells

Operated by: DPL Energy, Inc.
Acid Rain Permit No.: 179-11651-00026
Permit Reviewer: Robert Ondrusek

On March 24, 2000, the Indiana Department of Environmental Management, Office of Air Quality (OAQ), published a notice in the Bluffton News-Banner newspaper, Bluffton, Indiana, stating that DPL Energy, Inc. had applied to the Indiana Department of Environmental Management for a Phase II Acid Rain permit for the Montpelier Electric Generating Station. The notice also stated that OAQ proposed to issue a Phase II Acid Rain permit to the operator of this installation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed. On April 14, 2000, the Southern Wells Community Schools submitted a letter in support of the proposed station. The letter made no specific comment on the terms of the proposed permit. No other comments on the proposed permit were received within the thirty day comment period.

OAQ has made the following changes to the Phase II Acid Rain permit:

The term "Office of Air Management" is replaced with "Office of Air Quality" and the abbreviation "OAM" is replaced with "OAQ" throughout the permit.

Page 1 of the permit is revised as follows (text in **bold strikeout** type has been deleted and text in **bold italicized** type has been added):

Source Name: Montpelier Electric Generating Station Source Location: 8265 South 450 West, in Wells County

near Poneto, Indiana

County: Wells

Operated by: DPL Energy, Inc.

ORIS Code: 55229

Effective: June 1, 2000 through May 31, 2005

The above corporation is hereby authorized to operate, subject to the conditions contained herein, eight (8) Twin Pac combustion turbine generator units, consisting of sixteen (16) simple cycle turbines and eight (8) generators, each generator directly connected to two (2) combustion turbines. The generators

Page 2 of 3

are designated as units G1 through G8, and the two (2) combustion turbines, which are directly connected to each generator, are designated as T1 and T2. The sixteen (16) combustion turbines have an anticipated maximum heat input capacity of 270.9 MMBTU/hr (Lower Heating Value, LHV) per turbine unit, a maximum nominal output of 25 MW per turbine, with water-injection for NO_x emissions control, and exhaust to sixteen (16) stacks designated as G1CT1S1 through G8CT2S2.

Page 2 of the Phase II Acid Rain permit is revised as follows (text in **bold strikeout** type has been deleted and text in **bold italicized** type has been added):

Facilities Description: eight (8) Twin Pac combustion turbine generator units, consisting of sixteen (16) simple cycle turbines and eight (8) generators, each generator directly connected to two (2) combustion turbines. The generators are designated as units G1 through G8, and the two (2) combustion turbines, which are directly connected to each generator, are designated as ∓ 1 CT1 and ± 2 CT2. The sixteen (16) combustion turbines have an anticipated maximum heat input capacity of 270.9 MMBTU/hr (Lower Heating Value, LHV) per turbine unit, a maximum nominal output of 25 MW per turbine, with water-injection for NO_x emissions control, and exhaust to sixteen (16) stacks designated as G1CT1S1 through G8CT2S2.

OAQ made the following changes to the Statements of Basis:

The term "Office of Air Management" is replaced with "Office of Air Quality" and the abbreviation "OAM" is replaced with "OAQ" throughout the permit.

Page 1 is revised as follows (text in **bold strikeout** type has been deleted and text in **bold italicized** type has been added):

Source Name: Montpelier Electric Generation Sation Source Location: 8265 South 450 West, in Wells County

near Poneto, Indiana

County: Wells

Operated by: DPL Energy, Inc.
Acid Rain Permit No.: AR 179-11651- 00026
Permit Reviewer: Robert Ondrusek

Facilities to be Title IV Permitted

The Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) has reviewed an application from DPL Energy, Inc. relating to the Title IV, Acid Rain Program to operate a power plant, referred to as the Montpelier Electric Generation Station, consisting of eight (8) Twin Pac combustion turbine generator units, consisting of sixteen (16) simple cycle turbines and eight (8) generators, each generator directly connected to two (2) combustion turbines. The generators are designated as units G1 through G8, and the two (2) combustion turbines, which are directly connected to each generator, are designated as ∓ 1 CT1 and ± 2 CT2. Each combustion turbine has an anticipated maximum heat input capacity of 270.9 million British thermal units per hour (MMBTU/hr), Lower Heating Value. Each turbine has a maximum nominal output of 25 megawatts of electricity (MWe), with water-injection for NO_X emissions control. Each turbine exhausts to a stack. The sixteen (16) stacks are designated as G1CT1S1 through G8CT2S2.

Page 3 of 3

Pages 2 and 3 of the Statements of Basis are revised as follows (text in **bold strikeout** type has been deleted and text in **bold italicized** type has been added):

Sulfur Dioxide Emission Allocations

The sulfur dioxide (SO₂) allowance allocation rule (40 CFR Part 73) was revised in August 1998. The nation wide allocated SO₂ emissions are 9,480,000 tons per year for 2000 through 2009. The 2010 cap is projected to reduce SO₂ emissions to 8,900,000 tons per year.

This source has no annual allocated SO_2 allowances established in the Title IV Acid Rain Program. The new units will be required to seek SO_2 emission allowances from other sources to account for their SO_2 emissions as required by 40 CFR 72.9(c).

The SO₂ emissions from the source will be regulated by draft construction minor source operating permit CP 179-11528-00026 MSOP 179-12321-00026.

Monitoring Requirements [326 IAC 21]

The owners and operators and, to the extent applicable, the designated representative for the source shall comply with the monitoring requirements as provided in 40 CFR 75 and 72.9(b)(1) and (2). The emissions measurements recorded and reported shall be used to determine compliance with emissions limitations and emissions reduction requirements for sulfur dioxide. The requirements of this permit shall not affect the responsibility to monitor emissions of other pollutants or other emissions characteristics required by the Clean Air Act and other operating permit provisions. Monitoring requirements outlined in the application are considered as part of the Title IV operation permit. The source will have additional monitoring requirements, as set out in draft construction minor source operating permit CP 179-11528-00026 MSOP 179-12321-00026.

Record Keeping and Reporting Requirements [326 IAC 21]

Copies of all reports and compliance certifications for each affected unit submitted to demonstrate compliance with the requirements of the Acid Rain Program shall be kept for a period of at least five years. The reports and compliance certifications required by the Acid Rain Program shall be submitted to the U.S. EPA and IDEM, OAQ. Record keeping and reporting requirements outlined in the application are considered part of the Title IV operation permit. The source will have additional record keeping and reporting requirements, as set out in **draft construction minor source operating** permit **CP 179-11528-00026 MSOP 179-12321-00026**.

Section E

Title IV Acid Rain

Facilities Description: eight (8) Twin Pac combustion turbine generator units, consisting of sixteen (16) simple cycle turbines and eight (8) generators, each generator directly connected to two (2) combustion turbines. The generators are designated as units G1 through G8, and the two (2) combustion turbines, which are directly connected to each generator, are designated as CT1 and CT2. The sixteen (16) combustion turbines have an anticipated maximum heat input capacity of 270.9 MMBTU/hr (Lower Heating Value, LHV) per turbine unit, a maximum nominal output of 25 MW per turbine, with water-injection for NO_x emissions control, and exhaust to sixteen (16) stacks designated as G1CT1S1 through G8CT2S2.

E.1.1 Statement of Basis

Statutory and Regulatory Authorities: In accordance with IC 13-17-3-4, IC 13-17-3-11, IC 13-17-8-1, and IC 13-17-8-2 as well as Title IV - Acid Deposition Control - Section 400 of the Clean Air Act, the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) issues this permit pursuant to 326 IAC 2 and 326 IAC 21 (incorporates by reference 40 CFR 72 through 78).

E.1.2 Standard Permit Requirements [326 IAC 21]

- (a) The designated representative has submitted a complete Acid Rain permit application in accordance with the deadlines in 40 CFR 72.30.
- (b) The owners and operators of each affected source and each affected unit shall operate the unit in compliance with this Acid Rain permit.

E.1.3 Monitoring Requirements [326 IAC 21]

- (a) The owners and operators and, to the extent applicable, the designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR 75.
- (b) The emissions measurements shall be recorded and reported in accordance with 40 CFR 75 and 72.9(b)(1) and (2) to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (c) The requirements of 40 CFR 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or emissions characteristics at the unit required by the Clean Air Act and any provisions of the operating permit for the source.

E.1.4 Sulfur Dioxide Requirements [326 IAC 21]

- (a) The owners and operators of each source and each affected unit at the source shall:
 - (1) Hold allowances, as of the allowance transfer deadline (as defined in 40 CFR 72.2), in the unit's compliance subaccount, after deductions under 40 CFR 73.34(c), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (2) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (b) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Clean Air Act.

- (c) An affected unit shall be subject to the requirements under paragraph (a) of the sulfur dioxide requirements as follows:
 - (1) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
 - (2) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR 75, an affected unit under 40 CFR 72.6(a)(3).
- (d) Allowances shall be transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (e) These units were not allocated allowances by United States Environmental Protection Agency (U.S. EPA) under 40 CFR part 73. However, these units must still comply with the requirement to hold allowances to account for sulfur dioxide emissions under E.1.4(a) and 326 IAC 21.
- (f) An allowance allocated by the U.S. EPA under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, the Acid Rain portion of an operating permit, or the written exemption under 40 CFR 72.7 and 72.8 and 326 IAC 21, and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization. Pursuant to 40 CFR 72.9(c)(7), allowances allocated by U.S. EPA do not constitute a property right.
- (g) These units have no sulfur dioxide (SO₂) allowance allocations from U.S. EPA. The allowances shall be obtained from other units to account for the SO₂ emissions from these units as required by 40 CFR 72.9(c).

E.1.5 Nitrogen Oxides Requirements [326 IAC 21]

Pursuant to 40 Code of Federal Regulations (CFR) 76, Acid Rain Nitrogen Oxides Emission Reduction Program, the units are not subject to the nitrogen oxide limitations set out in 40 CFR 76.

E.1.6 Excess Emissions Requirements for Sulfur Dioxide [326 IAC 21]

- (a) The designated representative of an affected unit that has excess emissions of sulfur dioxide in any calendar year shall submit a proposed offset plan to U.S. EPA and IDEM, OAQ as required under 40 CFR 77 and 326 IAC 21.
- (b) The designated representative shall submit such required information to:

Indiana Department of Environmental Management Compliance Data Section, Office of Air Quality 100 North Senate Avenue, P.O. Box 6015 Indianapolis, Indiana 46206-6015

and

Ms. Cecilia Mijares Air and Radiation Division U.S. Environmental Protection Agency, Region V 77 West Jackson Boulevard Chicago, IL 60604-3590

and

> U.S. Environmental Protection Agency Acid Rain Program (6204J) Attn.: Annual Reconciliation 401 M Street, SW Washington, DC 20460

- (c) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
 - (1) Pay to U.S. EPA without demand the penalty required, and pay to U.S. EPA upon demand the interest on that penalty, as required by 40 CFR 77 and 326 IAC 21; and
 - (2) Comply with the terms of an approved sulfur dioxide offset plan, as required by 40 CFR 77 and 326 IAC 21.

E.1.7 Record Keeping and Reporting Requirements [326 IAC 21]

- Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years, as required by 40 CFR 72.9(f), from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by U.S. EPA or IDEM, OAQ:
 - (1) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (2) All emissions monitoring information, in accordance with 40 CFR 75;
 - (3) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and
 - (4) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (b) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 72.90 subpart I, 40 CFR 75, and 326 IAC 21. Submit required information to the appropriate authority(ies) as specified in 40 CFR 72.90 subpart I and 40 CFR 75.

E.1.8 Submissions [326 IAC 21]

(a) The designated representative shall submit a certificate of representation and any superseding certificate of representation to U.S. EPA in accordance with 40 CFR 72 and 326 IAC 21.

(b) The designated representative shall submit such required information to:

Indiana Department of Environmental Management Compliance Data Section, Office of Air Quality 100 North Senate Avenue, P.O. Box 6015 Indianapolis, Indiana 46206-6015

and

U.S. Environmental Protection Agency Acid Rain Program (6204J) Attn.: Designated Representative 401 M Street, SW Washington, DC 20460

- (c) Each such submission under the Acid Rain Program shall be submitted, signed and certified by the designated representative for all sources on behalf of which the submission is made.
- (d) In each submission under the Acid Rain Program, the designated representative shall certify, by his or her signature:
 - (1) The following statement, which shall be included verbatim in the submission: "I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made."; and
 - (2) The following statement which shall be included verbatim in the submission: "I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."
- (e) The designated representative of a source shall notify each owner and operator of the source and of an affected unit at the source:
 - (1) By the date of submission, of any Acid Rain Program submissions by the designated representative;
 - (2) Within 10 business days of receipt of any written determination by U.S. EPA or IDEM, OAQ; and
 - (3) Provided that the submission or determination covers the source or the unit.
- (f) The designated representative of a source shall provide each owner and operator of an affected unit at the source a copy of any submission or determination under condition (d) of this section, unless the owner or operator expressly waives the right to receive a copy.

E.1.9 Severability [326 IAC 21]

Invalidation of the Acid Rain portion of an operating permit does not affect the continuing validity of the rest of the operating permit, nor shall invalidation of any other portion of the operating permit affect the continuing validity of the Acid Rain portion of the permit [40 CFR 72.72(b), 326 IAC 21, and 326 IAC 2-7-5(5)].

E.1.10 Liability [326 IAC 21]

- (a) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, an Acid Rain permit, an Acid Rain portion of an operation permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement by U.S. EPA pursuant to section 113(c) of the Clean Air Act and IDEM pursuant to 326 IAC 21 and IC 13-30-3.
- (b) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Clean Air Act and 18 U.S.C. 1001 and IDEM pursuant to 326 IAC 21 and IC 13-30-6-2.
- (c) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (d) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (e) Any provision of the Acid Rain Program that applies to an affected source, including a provision applicable to the designated representative of an affected source, shall also apply to the owners and operators of such source and of the affected units at the source.
- (f) Any provision of the Acid Rain Program that applies to an affected unit, including a provision applicable to the designated representative of an affected unit, shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 76.11 (NO_x averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR 75, including 40 CFR 75.16, 75.17, and 75.18, the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (g) Each violation of a provision of 40 CFR Parts 72, 73, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Clean Air Act.

E.1.11 Effect on Other Authorities [326 IAC 21]

No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, an Acid Rain portion of an operation permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

(a) Except as expressly provided in Title IV of the Clean Air Act (42 USC 7651 to 7651(o)), exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Clean Air Act, including the provisions of Title I of the Clean Air Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;

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Montpelier Electric Generating Station 8265 South 450 West, Poneto, IN Permit Reviewer: Robert Ondrusek

- (b) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Clean Air Act;
- (c) Requiring a change of any kind in any state law regulating electric utility rates and charges, affecting any state law regarding such state regulation, or limiting such state regulation, including any prudence review requirements under such state law;
- (d) Modifying the Federal Power Act (16 USC 791a et seq.) or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (e) Interfering with or impairing any program for competitive bidding for power supply in a state in which such a program is established.



Phase II Permit Application

Page 1

For more information, see instructions and refer to 40 CFR 72.30 and 72.31

This submission is:	v	New		Revised
1 m2 200m2200m22	IX.	MEM	L_	KENISCA

STEP 1 Identify the source by plant name, State, and ORIS code.

Montpelier Electric Generating Station	IN	55229
Plant Name	State	ORIS Code

Compliance Plan

a b c d e

Unit ID# Unit Will Repowering New Units New Units
Hold Allowances in
Accordance with 40 CFR
72.9(c)(1) Commence Operation Date
Deadline

STEP 2
Enter the unit ID#
for each affected
unit, and indicate
whether a unit is
being repowered
and the repowering
plan being renewed
by entering "yes" or
"no" at column c. For
new units, enter the
requested information
in columns d and e.

GT1	Yes	NO	6/2000	9/2000
GT2	Yes	NO	6/2000	9/2000
GT3	Yes	NO	6/2000	9/2000
GT4	Yes	NO	6/2000	9/2000
GT5	Yes	NO	5/2001	8/2001
GT6	Yes	NO	5/2001	8/2001
GT7	Yes	NO	5/2001	8/2001
GT8	Yes	NO	5/2001	8/2001
	Yes			

STEP 3 Check the box if the response in column c of Step 2 is "Yes" for any unit.

	For each unit that is being repowered,	the	Repowering I	Extension	Plan	torm is	included
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Montpelier Electric Generating Station Plant Name (from Step 1)

STEP 4 Read the standard requirements and certification, enter the name of the designated repre-sentative, and sign and date

Standard Requirements

Permit Requirements.

(1) The designated representative of each affected source and each affected unit at the source shall: (i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in ac with the deadlines specified in 40 CFR 72.30; and

(ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessa to review an Acid Rain permit application and issue or deny an Acid Rain permit;

The owners and operators of each affected source and each affected unit at the source shall: (i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain pen by the permitting authority; and (ii) Have an Acid Rain Permit.

Monitoring Requirements.

(1) The owners and operators and, to the extent applicable, designated representative of each affected source affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75 (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to c compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur di nitrogen oxides under the Acid Rain Program.

(3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor e

of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

(1) The owners and operators of each source and each affected unit at the source shall: (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deduction 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from and

(ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.

(2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall ∞ separate violation of the Act.

(3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements a (i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affic under 40 CFR 72.6(a)(3).

(4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in ac with the Acid Rain Program.
(5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulful.

requirements prior to the calendar year for which the allowance was allocated.

(6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfin accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application Rain permit, or an exemption under 40 CFR 72.7, 72.8, or 72.14 and no provision of law shall be construed to authority of the United States to terminate or limit such authorization.

(7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each affected unit at the source shawith the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements

The designated representative of an affected unit that has excess emissions in any calendar year shall submit a
offset plan, as required under 40 CFR part 77.
 The owners and operators of an affected unit that has excess emissions in any calendar year shall:

(i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by

(ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source sha site at the source each of the following documents for a period of 5 years from the date the document is created. To may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or

(ii) The certificate of representation for the designated representative for the source and each affected unit at the and all documents that demonstrate the truth of the statements in the certificate of representation, in according 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond su period until such documents are superseded because of the submission of a new certificate of representation the designated representative:

(ii) All emissions monitoring information, in accordance with 40 CFR part 75, provided that to the extent that 40 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required Acid Rain Program; and,

(iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under

Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an affected source and each affected unit at the source shall submittly compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpy

Montpelier	Electric	Generating	Station
Plant Name (from SI	en 1)		

Liability.

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7, 72.8, or 72.14, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.

(4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program

- (5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- (6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 76.11 (NO, averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- of which they are not owners or operators or the designated representative.

 (7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7, 72.8, or 72.14 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans:
- (2) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not
- affect the source's obligation to comply with any other provisions of the Act;

 (3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State law.
- State law;
 (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Kirk N. Gny	
Signature KNL N. C	



Certificate of Representation

For more information, see instructions and refer to 40 CFR 72.24

Montpelier Electric Generating Station

Page 1

	This submission includes combustion or process sources under 40 CFR part 74	
,		

lant Name

ions and refer to 40 CFR 72.24

Revised (revised submissions must be completed in full; see instructions)

STEP 1 Identify the source by plant name, State, and ORIS code.

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This submission is: X New

55229 ORIS Code

IN

State

STEP 2 Enter requested information for the designated representative.

Kirk N. Guy		
Address DPL Energy, Inc. 1985 Founders Drive Kettering, OH 45420		
(937) 259–7661 Phone Number	(937) 259-7178 Fax Number	
Kirk.Guy@DPLINC.com E-mail address (if available)		

STEP 3
Enter requested information for the alternate designated representative, if applicable.

Name Scott A. Miller	
(937) 865-6233 Phone Number	(937) 865–6223 Fast Number
Scott.Miller@DPLINC.com E-mail address (ff available)	

STEP 4
Complete Step 5, read the certifications, and sign and date. For a designated representative of a combustion or process source under 40 CFR part 74, the references in the certifications to "affected unit" or "affected units" also apply to the combustion or process source under 40 CFR part 74 and the references to "affected source" also apply to the source at which the combustion or process sources sources sources sources sources source at which the combustion or process source is located.

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the 'designated representative' for the affected source and each affected unit at the source identified in this certificate of representation, in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall behound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Where there are multiple holders of a legal or equitable title to, or a leasehold interest in, an affected unit, or where a utility or know that customer purchases power from an affected unit under life of the unit, firm power contractual arrangements, I credit that

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and

Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, leasehold, or contractual reservation or entitlement or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

The agreement by which I was selected as the alternate designated representative, if applicable, includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.

Montpelier Electric Generating Station Plant Name (from Step 1)

Certificate - Page 2
Page 2 of 2

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information in made. I certify that all its affactments. Based on my inquiry of those influduals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief the, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Signature (designated representative)	11/29/99 Date
Signature (alternate designated representative)	Date 12/6/59

STEP 5
Provide the name of every owner and operator of the source and identify each affected unit (or combustion or process source) they own and/or operate.

DPL Ene	rgy, Inc	•	-		▼ Owner	▼ Operator
GT1 ID#	GT2 1D#	GT3	GT4	GT5	GT6	GT7 ID#
GT8	ID#	101	ID#	iD#	ID#	1D#

Name		Owner	Operator			
ID#	ID#	ID#	ID#	iD#	ID#	IO#
1D#	ļD#	ID#	1D#	ID#	ID#	IO#

Name					Owner	Operator
IO#	10#	IIO#	ID#	ID#	IC#	ID#
ID#	(iD#	ID#	ID#	ID#	ID#	ID#

Name Owner Ope						
1D#	IO#	ID#	UDA#	#CIJ	ID#	ID#
IO#	ID#	II)#	10#	ID#	įD#	ID#



United States Environmental Protection Agency Acid Rain Program OMB No. 2060-0258

Certificate of Representation

Page 1

For more information, see instructions and refer to 40 CFR 72.24

937-865

Phone Number

This submission is: New K Ravised (revised submissions must be completed in full; see instructions)

This submission includes combustion or process sources under 40 CFR part 74

STEP 1 Identify the source by plant name, State, and ORIS code. Montpelier Electric Generating Station

Montpelier Electric Generating Station

State IN ORIS Code

STEP 2 Enter requested information for the designated representative.

		and the second s
Name	Kirk N. Guy	44
Address	DPL Energy 8150 Washington Village Centerville, OH 45458	Drive
Phone Nu	937-331-3142	Fax Number 937-331-3040
	tress (ff available) kirk.guy@dpli	nc.com
Name	Scott A. Miller	

STEP 3
Enter requested
information for the
alternate designated
representative, if
applicable.

E-mail address (if available) acott.miller@dplinc.com

Fax Number 937-865-6223

STEP 4
Complete Step 5, read the certifications, and sign and date. For a designated representative of a combustion or process source under 40 CFR part 74, the references in the certifications to "affected units" also apply to the combustion or process source under 40 CFR part 74 and the references to "affected source" also apply to the source at which the combustion or process source which the combustion or process source is located.

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the 'designated representative' for the affected source and each affected unit at the source identified in this certificate of representation, in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

Leartify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operature of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall ablde by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit:

Where there are multiple holders of a legal or equitable title to, or a leasehold interest in, an affected unit, or where a utility or industrial ostomer purchases power from an affected unit under life-of-the-unit, firm power contractual arrangements, I certify that:

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and

Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, leasehold, or contractual reservation or entitlement or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

The agreement by which I was selected as the alternate designated representative, if applicable, includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.

STEP 5
Provide the name of every owner and operator of the source and identify each affected unit (or combustion or process source) they own and/or operate.

Montpelie	- Pleatr	ic Cenera	tino Sta	tion		tifiçate - Page 2	
			Page 🔼 of 🔼				
Plant Name (fron	n Step ()				•		
I am authorized which the subm statements and primary respon (mowledge and statements and	to make this sub ission is made, information subm sibility for obtain belief true, accu information or on	mission on beha I cartify under pe litted in this docus ling the informat rate, and comple litting required sta	If of the owners a enalty of law that nent and all its at lent, I certify tha etc. I am aware atements and inf	and operators of t t I have personal tachments. Base the statements that there are sig ormation, includin	ne affected source y exemined, and a d on my inquiry of ti and information a prificant penalties t g the possibility of fil	or affected units for m familiar with, the lose individuals with e to the best of my or submitting false he or imprisorment.	
Kin	Signature (designated representative) Date 1/9/01						
1/00	4 Q.	slu			Date 1/5/01		
Signature (altern	rate designated	representative)			Date		
Name DPL	Energy,	Inc			X Owner	X Operator	
G1 CT1	Gl CT2	G2 CT1	G2 CT2	G3 CT1 10#	G3 CT2	G4 CT1 ID#	
G4 CT2	G5 CT1	G5 CT2	G6 CT1 ID#	G6:-CT2 ID# .	G7 CT1	G7 CT2	
			$\sqrt{1}$				
Name		<u> </u>			Cwner	Operator	
	ID#		10#	ID#	10#	ID#	
10#	1	1	ID#	ID#	ID#	IO#	
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Name					Cowner C	Operator	
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ID#	ID#	ID#	10#	ID#	ID#	10#	
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L.'''							

Owner

ID#

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Operator

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Name

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ID#

Indiana Department of Environmental Management Office of Air Quality

Statements of Basis for Issuance of Title IV Operating Permit

Source Name: Montpelier Electric Generation Sation Source Location: 8265 South 450 West, Poneto, Indiana

County: Wells

Operated by: DPL Energy, Inc.
Acid Rain Permit No.: AR 179-11651- 00026
Permit Reviewer: Robert Ondrusek

Facilities to be Title IV Permitted

The Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) has reviewed an application from DPL Energy, Inc. relating to the Title IV, Acid Rain Program to operate a power plant, referred to as the Montpelier Electric Generation Station, consisting of eight (8) Twin Pac combustion turbine generator units, consisting of sixteen (16) simple cycle turbines and eight (8) generators, each generator directly connected to two (2) combustion turbines. The generators are designated as units G1 through G8, and the two (2) combustion turbines, which are directly connected to each generator, are designated as CT1 and CT2. Each combustion turbine has an anticipated maximum heat input capacity of 270.9 million British thermal units per hour (MMBTU/hr), Lower Heating Value. Each turbine has a maximum nominal output of 25 megawatts of electricity (MWe), with water-injection for NO_X emissions control. Each turbine exhausts to a stack. The sixteen (16) stacks are designated as G1CT1S1 through G8CT2S2.

Statements of Basis

The Acid Rain Program's goal is to achieve a reduction in the amount of sulfur dioxide and nitrogen oxides released to the atmosphere from power plants. These two pollutants play a large role in the formation of acid rain. There are no known direct human health effects from acid rain. Acid rain does have a harmful effect on aquatic animals. It can also be harmful to essential soil bacteria. Additional information regarding acid rain and the Acid Rain Program can be found on the Internet at the United States Environmental Protection Agency's (U.S. EPA) site, at http://www.epa.gov/acidrain/. Additional information in the form of maps showing the results of precipitation monitoring can be found at http://nadp.sws.uiuc.edu on the Internet.

The U.S. EPA has set a limit on the amount of sulfur dioxide emissions and the emission rate of nitrogen oxides for all regulated power plants, for each year from 2000 through 2009. The total sulfur dioxide emissions for all affected power plants in the nation has been limited to 9.4 million tons every year. That amount is 10 million tons less than the total emissions of sulfur dioxide in 1980. In 1993, U.S. EPA allocated a certain amount of sulfur dioxide emissions to each power plant regulated by Phase II of the Acid Rain Program. Emissions of nitrogen oxides are being reduced by at least 2 million tons per year, by setting limits on the emission rate of nitrogen oxides from coal-fired power plant boilers.

Federal Rule Applicability [40 CFR 72 through 40 CFR 78]

The emission allowances and conditions in the draft permit were taken from the limits developed by the U.S. EPA for the Acid Rain Program pursuant to Title IV of the Clean Air Act, 42 United States Code 7401, as amended by Public Law 101-5049 (November 15, 1990). Parts 72 through 78 of Title 40 of the Code of Federal Regulations (CFR), 61 Federal Register (FR) 59142, 61 FR 67111, 61 FR 68821, and 62 FR 3463, apply to Acid Rain permitted sources. U.S. EPA requires that the Title IV Acid Rain operation permit include the application as part of the permit which details compliance requirements.

State Rule Applicability [326 IAC 21 Acid Deposition Control]

Title 326 of the Indiana Administrative Code (IAC) Article 21, Acid Deposition Control, has adopted the federal rule by referencing 40 CFR 72 through 78, 61 FR 59142, 61 FR 67111, 61 FR 68821, and 62 FR 3463. The rule incorporates the requirements of Title IV, Clean Air Act Acid Rain Program, of the 1990 Clean Air Act.

Sulfur Dioxide Emission Allocations

The sulfur dioxide (SO_2) allowance allocation rule (40 CFR Part 73) was revised in August 1998. The nation wide allocated SO_2 emissions are 9,480,000 tons per year for 2000 through 2009. The 2010 cap is projected to reduce SO_2 emissions to 8,900,000 tons per year.

This source has no annual allocated SO_2 allowances established in the Title IV Acid Rain Program. The new units will be required to seek SO_2 emission allowances from other sources to account for their SO_2 emissions as required by 40 CFR 72.9(c).

The SO₂ emissions from the source will be regulated by minor source operating permit MSOP 179-12321-00026.

Nitrogen Oxide Limitations

Pursuant to 40 CFR 76, nitrogen oxide (NO_x) emission limitations are applicable only to coal-fired utility and coal-fired substitution units that are subject to Phase I and Phase II sulfur dioxide reduction requirements. This source will not burn coal as a fuel. The NO_x emissions from the source will be regulated by minor source operating permit MSOP 179-12321-00026.

Monitoring Requirements [326 IAC 21]

The owners and operators and, to the extent applicable, the designated representative for the source shall comply with the monitoring requirements as provided in 40 CFR 75 and 72.9(b)(1) and (2). The emissions measurements recorded and reported shall be used to determine compliance with emissions limitations and emissions reduction requirements for sulfur dioxide. The requirements of this permit shall not affect the responsibility to monitor emissions of other pollutants or other emissions characteristics required by the Clean Air Act and other operating permit provisions. Monitoring requirements outlined in the application are considered as part of the Title IV operation permit. The source will have additional monitoring requirements, as set out in minor source operating permit MSOP 179-12321-00026.

Record Keeping and Reporting Requirements [326 IAC 21]

Copies of all reports and compliance certifications for each affected unit submitted to demonstrate compliance with the requirements of the Acid Rain Program shall be kept for a period of at least five years. The reports and compliance certifications required by the Acid Rain Program shall be submitted to the U.S. EPA and IDEM, OAQ. Record keeping and reporting requirements outlined in the application are considered part of the Title IV operation permit. The source will have additional record keeping and reporting requirements, as set out in minor source operating permit MSOP 179-12321-00026.

Submissions [326 IAC 21]

The designated representative shall submit a certificate of representation and any superseding certificate of representation to U.S. EPA and IDEM, OAQ. Each submission under the Acid Rain Program shall be submitted, signed, and certified by the designated representative for all sources. The designated representative shall include the following statement for all submissions:

"I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

The designated representative shall notify each owner and operator of the source and of an affected unit of the date of each submission and within 10 business days of receipt of any written determination by U.S. EPA or IDEM, OAQ.

Standard requirements outlined in the application are considered as part of the Title IV operation permit.

Preliminary Draft

Based on the information received, the source has been preliminarily determined to meet Indiana Code (IC) IC 13-17-3-4, IC 13-17-3-11, IC 13-17-8-1, and IC 13-17-8-2, as well as, Titles IV and V of the Clean Air Act. The IDEM, OAQ proposes this draft permit pursuant to 326 IAC 21 (incorporates by reference 40 CFR 72 through 78).

The application did not contain a request for any compliance options.

The proposed construction permit (CP 179-11528-00026) has specific operation conditions that limit the source operations.

Additional Information

Questions regarding the proposed Acid Rain permit can be directed to Robert Ondrusek at IDEM's Office of Air Quality, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana 46206-6015 or by telephone at (317) 233-4227 or toll free at 1-800-451-6027 extension 3-4227.

The source will be inspected by the OAQ, Compliance Branch Section. Persons seeking to obtain information regarding the source's compliance status or to report any potential violation of any permit condition should contact Wanda Stanfield at the Office of Air Quality (OAQ) address or by telephone at (317) 233-6864 or toll free at 1-800-451-6027 extension 3-6864.

Copies of the Code of Federal Regulations (CFR) and Federal Registers (FR) referenced in the permit

may be obtained from:

Indiana Department of Environmental Management
Office of Air Quality
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015

or

The Government Printing Office Washington, D.C. 20402

or

on the Government Printing Office's website at http://www.access.gpo.gov/nara/cfr/index.html